

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2005/002450

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C12N15/82 C12N9/12 C07K16/40 C12N1/21 C12N5/10
C12N15/01 C12N15/11 C12N15/54 A01H5/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N A01H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, MEDLINE, EMBASE, FSTA, Sequence Search

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A ✓	ALONSO J M ET AL: "Genome-wide insertional mutagenesis of Arabidopsis thaliana" 1 August 2003 (2003-08-01), SCIENCE, AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE,, US, PAGE(S) 653-657 , XP002300984 ISSN: 0036-8075 page 654 -/-	1-28

☒ Further documents are listed in the continuation of box C.

☐ Patent family members are listed in annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

19 October 2005

Date of mailing of the international search report

02/11/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	<p>-& DATABASE EMBL 'Online! 10 October 2004 (2004-10-10), "Arabidopsis thaliana chloroplast alpha-glucan water dikinase isoform 3 (At5g26570) mRNA, complete cds; nuclear gene for chloroplast product." XP002349837 retrieved from EBI accession no. EM_PRO:AY747068 Database accession no. AY747068 the whole document</p>	1-28
A	<p>YU T-S ET AL: "The Arabidopsis sex1 mutant is defective in the R1 protein, a general regulator of starch degradation in plants, and not in the chloroplast hexose transporter" PLANT CELL, AMERICAN SOCIETY OF PLANT PHYSIOLOGISTS, ROCKVILLE, MD, US, vol. 13, no. 8, August 2001 (2001-08), pages 1907-1918, XP002252059 ISSN: 1040-4651 cited in the application Passage bridging pages 1908/1909</p>	1-28
A	<p>BLENNOW A ET AL: "Starch phosphorylation: A new front line in starch research" TRENDS IN PLANT SCIENCE, ELSEVIER SCIENCE, OXFORD, GB, vol. 7, no. 10, October 2002 (2002-10), pages 445-450, XP002339248 ISSN: 1360-1385 page 449</p>	1-28